

25. (Amended) A paging system that performs a paging processing for simultaneously a mobile station from a radio network controller in response to a paging command from a core network,

wherein said paging command includes a search-not-required flag indicating whether a search for said common ID is required or not required.

26. (Amended) A paging system according to Claim 25, wherein said radio network controller comprises paging processing means for performing said paging processing using one of a paging control channel and a dedicated control channel depending on whether or not a mobile switching center of said core network has the function of coordinating a packet service and a circuit service, and

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wherein said paging processing means searches for said common ID if the mobile switching center of said core network does not have the function of co-ordinating the packet service and the circuit service.

27. (Amended) A paging system according to Claim 25, wherein said radio network controller comprises paging processing means for performing said paging processing using one of a paging control channel and a dedicated control channel depending on whether or not a mobile switching center of said core network has the function of coordinating a packet service and a circuit service, and

wherein said paging processing means performs said paging processing using one of the paging control channel and the dedicated control channel depending on the connection status between said core network and said radio network controller if the mobile switching center of said core network has the function of co-ordinating the packet service and the circuit service.

31. (Amended) A paging system according to Claim 25, wherein said search-not-required flag is set to "required" if the mobile switching center of said core network does not have the function of co-ordinating a packet service and a circuit service.

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32. (Amended) A paging system according to Claim 26, wherein said search-not-required flag is set to "required" if the mobile switching center of said core network does not have the function of co-ordinating a packet service and a circuit service.

33. (Amended) A paging system according to Claim 27, wherein said search-not-required flag is set to "required" if the mobile switching center of said core network does not have the function of co-ordinating a packet service and a circuit service.

34. (Amended) A paging system according to Claim 25, wherein said search-not-required flag is set to "not required" if the mobile switching center of said core network has the function of co-ordinating a packet service and a circuit service and if the connection status between said core network and said radio network controller is connectionless.

35. (Amended) A paging system according to Claim 26, wherein said search-not-required flag is set to "not required" if the mobile switching center of said core network has the function of co-ordinating a packet service and a circuit service and if the connection status between said core network and said radio network controller is connectionless.

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36. (Amended) A paging system according to Claim 27, wherein said search-not-required flag is set to "not required" if the mobile switching center of said core network has the function of co-ordinating a packet service and a circuit service and if the connection status between said core network and said radio network controller is connectionless.

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40. (Amended) A paging system according to Claim 25, wherein said search-not-required flag is set to "required" if the mobile switching center of said core network has the function of co-ordinating the packet service and the circuit service and if the connection status between said core network and said radio network controller is connectionless.

41. (Amended) A paging system according to Claim 26, wherein said search-not-required flag is set to "required" if the mobile switching center of said core network has the function of co-ordinating the packet service and the circuit service and if the connection status between said core network and said radio network controller is connectionless.

42. (Amended) A paging system according to Claim 27, wherein said search-not-required flag is set to "required" if the mobile switching center of said core network has the function of co-ordinating the packet service and the circuit service and if the connection status between said core network and said radio network controller is connectionless.

48. (Amended) A paging method that performs a paging processing for simultaneously calling a mobile station from a radio network controller in response to a paging command from a core network,

wherein said paging command includes a search-not-required flag indicating whether a search for said common ID is required or not required.

*AS* 49. (Amended) A paging method according to Claim 48, wherein said paging method comprises a paging processing step of performing, in said radio network controller, said paging processing using one of a paging control channel and a dedicated control channel depending on whether a mobile switching center of said core network has the function of co-ordinating a packet service and a circuit service, said paging processing step searches for said common ID if the mobile switching center of said core network does not have the function of co-ordinating the packet service and the circuit service.

50. (Amended) A paging method according to Claim 48, wherein said paging method comprises a paging processing step of performing, in said radio network controller, said paging processing using one of a paging control channel and a dedicated control channel depending on whether a mobile switching center of said core network has the function of co-ordinating a packet service and a circuit service, said paging processing step performs said paging processing using one of the paging control channel and the dedicated control channel depending on the connection status between said core network and said radio network controller if the mobile switching center of said core network has the function of co-ordinating the packet service and the circuit service.

*AC* 54. (Amended) A paging method according to Claim 48, wherein said search-not-required flag is set to "required" if the mobile switching center of

said core network does not have the function of co-ordinating the packet service and the circuit service.

55. (Amended) A paging method according to Claim 49, wherein said search-not-required flag is set to "required" if the mobile switching center of said core network does not have the function of co-ordinating the packet service and the circuit service.

*AS* 56. (Amended) A paging method according to Claim 50, wherein said search-not-required flag is set to "required" if the mobile switching center of said core network does not have the function of co-ordinating the packet service and the circuit service.

57. (Amended) A paging method according to Claim 48, wherein said search-not-required flag is set to "not required" if the mobile switching center of said core network has the function of co-ordinating the packet service and the circuit service and if the connection status between said core network and said radio network controller is connectionless.

58. (Amended) A paging method according to Claim 49, wherein said search-not-required flag is set to "not required" if the mobile switching center of said core network has the function of co-ordinating the packet service and the circuit service and if the connection status between said core network and said radio network controller is connectionless.

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59. (Amended) A paging method according to Claim 50, wherein said search-not-required flag is set to "not required" if the mobile switching center of said core network has the function of co-ordinating the packet service and the circuit service and if the connection status between said core network and said radio network controller is connectionless.

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63. (Amended) A paging method according to Claim 48, wherein said search-not-required flag is set to "required" if the mobile switching center of said core network has the function of co-ordinating the packet service and the circuit service and if the connection status between said core network and said radio network controller is connectionless.

64. (Amended) A paging method according to Claim 49, wherein said search-not-required flag is set to "required" if the mobile switching center of said core network has the function of co-ordinating the packet service and the circuit service and if the connection status between said core network and said radio network controller is connectionless.

65. (Amended) A paging method according to Claim 50, wherein said search-not-required flag is set to "required" if the mobile switching center of said core network has the function of co-ordinating the packet service and the circuit service and if the connection status between said core network and said radio network controller is connectionless.

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71. (New) A radio network controller in a paging system that performs a paging processing for simultaneously calling a mobile station in response to a paging command from a core network,

wherein said paging command includes a search-not-required flag indicating whether a search for common ID of the mobile station simultaneously called by said radio network controller is required or not required,

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and said radio network controller includes judging means for judging whether the search for the common ID is required or not required on the basis of contents of said search-not-required flag.